

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A polyurea, comprising the reaction product of (1) an isocyanurate of isophorone diisocyanate (IPDI), or an isocyanurate of hexamethylene diisocyanate (HDI), isocyanurate of IPDI, isocyanurate of HDI, or a combination of IPDI, HDI, an isocyanurate of IPDI or and an isocyanurate of HDI; and optionally, IPDI, HDI, or a combination of IPDI and HDI, [these materials] with (2) isophorone diamine (IPD), the polyurea having a NCO/NH₂ ratio of 0.9 to 1.1 to 1, being a solid insoluble in solvents, and melting only above 240°C with decomposition and an average molecular mass of at least 5,000.

Claim 2 (Cancelled).

Claim 3 (Original): The polyurea as claimed in Claim 1, prepared from the isocyanurate of the IPDI and IPD.

Claim 4 (Original): The polyurea as claimed in Claim 1, prepared by reacting a mixture of IPDI and IPDI isocyanurate with IPD.

Claim 5 (Cancelled).

Claim 6 (Original): The polyurea as claimed in Claim 1, prepared by reacting the isocyanurate of HDI and IPD.

Claim 7 (Currently Amended): The polyurea as claimed in Claim 1, prepared by reacting a mixture of HDI and HDI ~~isocyanurates~~ isocyanurate with IPD.

Claim 8 (Original): The polyurea as claimed in Claim 1, prepared by reacting a mixture of IPDI isocyanurate and HDI isocyanurate with IPD.

Claim 9 (Cancelled).

Claim 10 (Currently Amended): A process for preparing polyureas as claimed in Claim 1, comprising:

~~reacting IPDI, HDI, isocyanurate of IPDI, isocyanurate of HDI, or a combination of IPDI, HDI, isocyanurate of IPDI or isocyanurate of HDI, with isophorone diamine (IPD)~~
components (1) and (2) in a solvent, the isocyanate component (1) also optionally being diluted with a solvent, thereby forming a reaction medium;

heating the reaction medium for 2 to 3 hours in refluxing solvent and then cooling the reaction medium; and

separating the resulting polymer and then drying the polymer for 3 to 6 hours at 130 to 170°C in a vacuum.

Claim 11 (Original): A method of preparing paint, comprising:
formulating the paint with the polyurea as claimed in Claim 1 as a component of the paint.

Claim 12 (Currently Amended): A method of preparing lacquers ~~and~~ or coatings, comprising:

formulating the lacquers and coatings with the polyurea as claimed in Claim 1 as a component of the lacquers ~~and~~ or coatings.

Claim 13 (New): A paint comprising the polyurea as claimed in Claim 1.

Claim 14 (New): A lacquer comprising the polyurea as claimed in Claim 1.

Claim 15 (New): A powder coating comprising the polyurea as claimed in Claim 1.

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended by requiring the presence of isocyanurates of the recited diisocyanates as supported in the specification at page 2, lines 12-13, thereby making the non-isocyanurates thereof optional; by incorporating the subject matter of Claim 9 therein; by reciting a melting property, as supported in the specification at page 2, lines 9-10 and page 3, lines 9-10, as a replacement for the recital of the average molecular mass, which has been deleted; and by inserting prefixes for the isocyanurate component and the IPD component, respectively. Claims 2, 5 and 9 have been cancelled as redundant. Claim 7 has been amended to be consistent with Claims 4 and 8. Claim 10 has been amended to be consistent with the amendment to Claim 1, and to provide antecedent basis for the term --reaction medium--. Finally, new Claims 13-15 have been added, as supported in the specification at page 2, lines 20-21 and page 3, line 11.

No new matter has been added by the above amendment. Claims 1, 3, 4, 6-8 and 10-15 are now pending in the application.